

.CLEAN VERSION OF THE PENDING CLAIMS

14. A battery pack comprising:
- a first case;
 - a second case smaller than the first case, the second case containing a plurality of battery cells and being disposed within the first case;
 - a radiator disposed in contact with the cells, the radiator having at least one surface for radiating heat conducted from the battery cells,
 - a first air passage formed between the first and second cases and defined at least partially by said at least one surface of the radiator, the first air passage being separated from the battery cells, and
 - at least one air outlet formed in the first case and in communication with the first air passage.
15. A battery pack in accordance with claim 14, wherein the radiator includes a plurality of ribs which are oriented generally parallel to the direction of airflow through the first air passage.
16. A battery pack in accordance with claim 14, wherein the cells are divided into a plurality of blocks and further comprising at least one second air passage provided between the blocks, the at least one second air passage being in communication with the first air passage.
17. A battery pack in accordance with claim 16, wherein the first radiator includes a plurality of ribs which are oriented generally parallel to the direction of airflow through at least one of the first and second air passages.

18. A battery pack in accordance with claim 14 further comprising elastic material interposed between the first and second cases.

19. A battery pack in accordance with claim 18, wherein the cells are divided into a plurality of blocks and further comprising at least one second air passage provided between the blocks, the at least one second air passage being in communication with the first air passage.

20. A battery pack in accordance with claim 18, further comprising an air inlet provided in the first case and connected with the first air passage, wherein the first air passage is defined by inner surfaces of the first case and continuous recesses provided in outer surfaces of the second cases.

21. A battery pack in accordance with claim 20, wherein each of the first and second cases has a generally box-like shape, and the first air passage starts at the inlet provided in the first case which is provided in an upper surface of the first case, proceeds along a first inner side surface of the first case, forks into two branches along two opposite second and third inner side surfaces of the first case connected to the first inner side surface, and terminates at first and second air outlets provided in a fourth inner side surface of the first case.

22. A battery pack in accordance with claim 21, wherein

the second case includes first to fourth outer side surfaces corresponding to the first to fourth inner side surfaces of the first case, respectively,

the radiator includes a radiator plate having a generally U-shaped cross section which continuously surrounds the first, second, and third outer surfaces of the second case, and

the ribs are formed on outer surfaces of the radiator plate in the first air passage.

23. A battery pack in accordance with claim 22, wherein the elastic material is disposed along upper and lower edges of the first case such that the first air passage is hermetically isolated from the cells.

24. A battery pack in accordance with claim 20, wherein the cells are divided into a plurality of blocks and further comprising at least one second air passage provided between the blocks, the at least one second air passage being in communication with the first air passage.

25. A battery pack in accordance with claim 24, wherein
the cells are divided into two blocks and the radiator includes first and second radiator plates arranged in parallel, each radiator plate having a generally U-shaped cross section and surrounding one of the cell blocks, and

the second air passage is defined between the radiator plates.

26. A battery pack in accordance with claim 25, wherein the ribs are provided on outer surfaces of the first and second radiator plates in the second air passage.

27. A battery pack in accordance with claim 25 further comprising a third air outlet provided in the fourth inner side surface of the first case between the first and second outlets, wherein a first end of the second air passage is connected to the first air passage and a second end thereof is connected to the third air outlet.

28. A battery pack in accordance with claim 25, wherein the second air passage is hermetically isolated from the cell blocks.

29. A battery pack in accordance with claim 14, wherein the second case hermetically seals the battery cells from the first air passage.